

## METHOD AND DEVICE FOR COMMUNICATION

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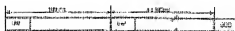
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Abstract of JP 2000036782 (A)

**PROBLEM TO BE SOLVED:** To provide mobile satellite communication for effectively utilizing processing delays in a short time, high coding gain and band width. **SOLUTION:** For a format for satellite communication system, a pilot signal(PS) is inserted at the interval of 25 or 29 data symbols, and this format is composed of a single line for each carrier(SCPC) frame(F), containing both data(D) and intra-band signal system information(SU) or containing only the signal system information(SU). The respective frames F have the same coding rate and carry data contents which numbers as many as the integer multiple of input user data frame (M) provided with four sub frames for error correction to be coded prior to transmission.; The different symbol transmission rates are used for different input data transfer speeds, and these different synchronizing clock rates are selected so as to be easily provided from a common clock.



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